

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:22:23 ON 28 OCT 2003  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 27 OCT 2003 HIGHEST RN 609766-09-8  
DICTIONARY FILE UPDATES: 27 OCT 2003 HIGHEST RN 609766-09-8

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STN Note 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

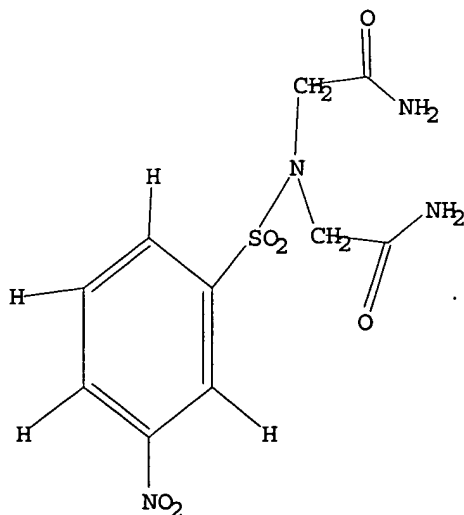
Uploading 10066356.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:22:42 FILE 'REGISTRY'

Habte

10/28/2003

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 5 TO 234  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=&gt; s l1 sss full

FULL SEARCH INITIATED 17:22:49 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 144 TO ITERATE100.0% PROCESSED 144 ITERATIONS  
SEARCH TIME: 00.00.01

1 ANSWERS

L3 1 SEA SSS FUL L1

=&gt; file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
148.15	148.36

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:22:56 ON 28 OCT 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 28 Oct 2003 VOL 139 ISS 18  
FILE LAST UPDATED: 27 Oct 2003 (20031027/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=&gt; s l3

L4 2 L3

=&gt; d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:615581 CAPLUS  
 DOCUMENT NUMBER: 137:154951  
 TITLE: Preparation and purification of antiviral disulfonic acid disodium salt  
 INVENTOR(S): Iera, Silvio; Demerson, Christopher Alexander; Lunetta, Jacqueline Francesca; MacEwan, Michael; Francis, McMahon, Wayne Gregory; Mohan, Arthur G.; Papamichelakis, Maria; Potoski, John Richard  
 PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA  
 SOURCE: PCT Int. Appl., 17 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002062769	A2	20020815	WO 2002-US2933	20020131
WO 2002062769	A3	20030424		

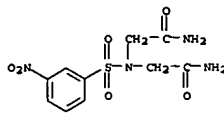
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

TH RM: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

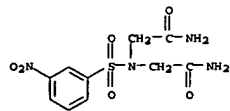
US 2002151548 A1 20021017 US 2002-66356 20020131

PRIORITY APPLN. INFO.: CASREACT 137:154951  
 OTHER SOURCE(S):  
 AB The antiviral compd. 4',4'-bis[4,6-bis[3-[[bis(carbamoyl)methyl-1-sulfamoyl]phenylamino][1,3,5]triazin-2-ylamino]biphenyl-2,2'-disulfonic acid and its pharmaceutically acceptable salts is prepd. by (a) reacting 2-[(3-nitrobenzenesulfonyl)amino]acetamide with ClCH<sub>2</sub>CONH<sub>2</sub> in the presence of N,N-dimethylformamide and a base to form 2-[(carbamoylmethyl(3-nitrobenzenesulfonyl)amino)acetamide; (b) treating the 2-[(carbamoylmethyl(3-nitrobenzenesulfonyl)amino)acetamide with a reducing agent to form 2-[(3-aminobenzenesulfonyl)carbamoylmethylamino]acetamide; (c) treating the 2-[(3-aminobenzenesulfonyl)carbamoylmethylamino]acetamide with cyanuric chloride to give 2-[[4-[[4-[[bis(carbamoylmethylsulfamoyl)benzyl]-6-chloro-[1,3,5]triazin-2-ylmethyl]benzenesulfonyl]carbamoylmethylamino]benzyl]-6-chloro-[1,3,5]triazin-2-ylmethyl]benzenesulfonyl]carbamoylmethylamino]acetamide with disodium salt of 4,4'-diamino-2,2'-biphenyldisulfonic acid.  
 IT 333430-58-3P  
 RL: IMP (Industrial manufacture); RCT (Reactant); PREP (Preparation);  
 RACT (Reactant or reagent)  
 (prepn. and purifn. of antiviral disulfonic acid disodium salt)  
 RN 333430-58-3 CAPLUS

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 CN Acetamide, 2,2'-[[[(3-nitrophenyl)sulfonyl]imino]bis- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:279040 CAPLUS  
 DOCUMENT NUMBER: 135:116522  
 TITLE: The discovery of RFI-641 as a potent and selective inhibitor of the respiratory syncytial virus  
 AUTHOR(S): Nikitenko, A. A.; Raifeld, Y. E.; Wang, T. Z.  
 CORPORATE SOURCE: Chemical Sciences, Wyeth-Ayerst Research, Pearl River, NY, 10965, USA  
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2001), 11(8), 1041-1044  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB The design and synthesis of a new potent and selective inhibitor of the respiratory syncytial virus are described. This compd., RFI-641, emerged from anal. of the structure-activity relationship in a series of biphenyl triazine anionic compds. possessing specific anti-RSV activity. RFI-641 inhibited RSV in vitro and in vivo models.  
 IT 333430-58-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (discovery of RFI-641 as inhibitor of respiratory syncytial virus)  
 RN 333430-58-3 CAPLUS  
 CN Acetamide, 2,2'-[[[(3-nitrophenyl)sulfonyl]imino]bis- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

10/066,356

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=> log y

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

FULL ESTIMATED COST

9.49

157.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE  
ENTRY

TOTAL  
SESSION

CA SUBSCRIBER PRICE

-1.30

-1.30

STN INTERNATIONAL LOGOFF AT 17:23:19 ON 28 OCT 2003